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SEQUENCE LISTING

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<120> Colorimetric Substrates, Colorimetric
Sensors, and Methods of Use

<130> 3265.1011-004

<150> PCT/US2004/036469

<151> 2004-11-03

<150> 60/516,688

<151> 2003-11-03

<150> 60/578,502

<151> 2004-06-09

<160> 41

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Phe	Lys	Arg	Ile	Val	Xaa	Arg	Ile	Lys	Asp	Phe	Leu	Arg	Asn	Leu	Val
			20					25					30		
Pro	Arg	Thr	Glu	Ser											
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Lys Ala Ala His Lys Ser Ala Leu Lys Ser Ala Glu
 1 5 10

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 Lys Lys Ala Ser Glu Ala Ala His Lys Ser Ala Leu Lys Ser Ala Glu
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 Cys His His His Ala Ser Glu Ala Ala His Lys Ser Ala Leu Lys Ser
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 Ala Glu

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 Lys His Leu Gly Gly Gly Ala Leu Gly Gly Gly Ala Lys Glu
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 Lys His Leu Gly Gly Gly Gly Ala Lys Glu
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Ala Cys Cys Asp Glu Tyr Leu Gln Thr Lys Glu
1 5 10

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Ala Asp Thr Val Glu Pro Thr Gly Ala Lys Glu
1 5 10

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Lys Leu Pro His Lys Leu Ser Trp Ser Ala Asp Asn Pro
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Pro Val Pro Ser Thr Pro Pro Thr Pro Ser Pro Ser Thr Pro
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Asn Met Leu Ser Glu Val Glu Arg Glu
1 5

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Lys Gln Asn Met Leu Ser Glu Val Glu Arg Ala Asp Thr Glu
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Asn Glu Ala Ile Gln Glu Asp Gln Val Gln Tyr Glu
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Glu Thr Lys Val Glu Glu Asn Glu Ala Ile Gln Lys
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Asp Ser Arg Pro Val Arg Arg Arg Arg Arg Pro Arg Val Ser Lys

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1

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Lys Val Ser Arg Arg Arg Arg Arg Gly Gly Asp

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Cys His His His Ala Ser Glu Val Ser Arg Arg Arg Arg Arg Gly Gly

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10

15

Lys

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1 5 10 15
Ala His His His His
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<210> 24
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Ile	Pro	Met	Ser	Ile	Pro	Cys	Gly	Cys							
			20					25							

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Gly	Gly	Asp	Gly	Asp	Gly	Cys
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<400> 27

Val	Ser	Arg	Arg	Arg	Arg	Arg	Gly	Gly	Asp	Gly	Lys	Gly	Asp	Ala	Cys
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<210> 28

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<400> 28

Asn	Glu	Ala	Ile	Gln	Glu	Asp	Gln	Val	Gln	Ala	Arg	Arg	Ala	Lys	Ala
1				5					10					15	
Arg	Arg	Ala	Cys												
			20												

<210> 29

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Gln	Val	Gln	Ala	Arg	Arg	Ala	Lys	Ala	Arg	Arg	Ala	Cys
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<210> 30

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<400> 30

Gly	Gly	Asp	Gly	Lys	Gly	Asp	Ala	Cys
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<210> 31

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Gln	Val	Gln	Ala	Arg	Arg	Arg	Ala	Lys	Ala	Arg	Arg	Arg	Ala	Cys
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<210> 32

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Val Ser Arg Arg Arg Arg Arg Gly Gly Lys Gly Cys
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<400> 33
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 1 5 10 15

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<400> 34
 Ser Glu Ala Ile Gln Glu Asp Gln Val Gln Tyr Cys Ala Ala Ala His
 1 5 10 15
 His His His His
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<400> 36
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<400> 37
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Leu Val Cys Gly Cys
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<400> 38
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Leu Val Cys Gly Cys
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<400> 39
His His His His His Ala Ala His Lys Ser Ala Leu Lys Ser Ala Cys
1 5 10 15
Gly Cys

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1 5 10 15
Gly Cys

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